

# RTS IRIS

## 4K Subsea Camera

The RTS IRIS is a cutting edge 4K HD subsea camera rated to 6000 meter water depth. It provides the user with exceptional quality video or images in up to 4K resolution. In addition to superior optics, IRIS is delivered in a robust titanium housing and can be utilized on a wide range of subsea vehicles and subsea applications due to its small size and low weight. It comes with a dedicated control software for easy integration.

### Main features

- 4K resolution
- Small size
- Low weight
- Titanium housing
- 30x Zoom at 4K resolution
- Dedicated control software



### TECHNICAL SPECIFICATIONS

Designed by  **inventoteam**

<b>Optics</b>	Sensor	4K Exmor R	<b>Electrical</b>	Power consumption	6W
	Sensor elements	8,51 Mpixels		Voltage range	9-36V DC
	Sensitivity	1,6lux (0,06lux @ high sensitivity mode)		4K Signal output	HD SDI ( SMPTE ST-2081)
	Lens	20x Optical Zoom		Optional HD	HD SDI (SMPET 292M / 274M)
	Super Resolution Zoom	30x Zoom at 4K resolution without compromise		Control Signal	RS232, 115 kbps RS485, 115 kbps (Optional)
	Focal length	4.4mm – 88,4 mm F2.0 - 3.8		Protocol	VISCA
	Opening angle max	60° @ wide		Software	InventoTeam Control Software
<b>Mechanical</b>	Housing	Titanium	Dimensions	Ø 91 x 210 mm	
	Front port	High quality sapphire glass	Mass	2,9 kg in air / 1,7 kg in water	
	Lens hood	POM	Connector options	Seacon MINL (for HD) Optional 4K connector on request	
	Depth rating	6000 MSW			